

REMARKS

Enclosed herewith in full compliance with 37 C.F.R. §§1.821-1.825 is a Substitute Sequence Listing to be inserted into the specification as indicated above. The Substitute Sequence Listing in no way introduces new matter into the specification. Also submitted herewith in full compliance with 37 C.F.R. §§1.821-1.825 is a disk copy of the Substitute Sequence Listing. The disk copy of the Sequence Listing, file "2005-10-25 0825-0173PUS2.ST25.txt", is identical to the paper copy, except that it lacks formatting.

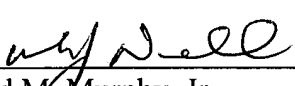
The Sequence Listing is amended to reference the present application by filing date and serial number and to correct formatting errors. The Sequence Listing is further amended to include SEQ ID NO: 28. This sequence was originally presented on page 20 of the specification. A description of each artificial sequence is added to the Substitute Sequence Listing as required by the USPTO sequence rules. These descriptions were derived directly from the specification. No new matter is introduced by these amendments.

If the Examiner believes that personal communication will expedite prosecution of this application, the Examiner is invited to contact the undersigned at the offices of Birch, Stewart, Kolasch & Birch, LLP.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Dated: October 27, 2005

Respectfully submitted,

By  #36,623
Gerald M. Murphy, Jr.
Registration No.: 28,977
BIRCH, STEWART, KOLASCH & BIRCH, LLP
8110 Gatehouse Road, Suite 100 East
P.O. Box 747
Falls Church, Virginia 22040-0747
(703) 205-8000
Attorney for Applicant

Attachments:

Disk Copy of Substitute Sequence Listing
Paper Copy of Substitute Sequence Listing